

The diagram illustrates a DNA molecule with a protein complex and a substrate. The DNA molecule is shown as a double helix with a vertical segment (1) and a horizontal segment (2). The vertical segment is labeled with 5' and 3' ends. The horizontal segment is labeled with 5' and 3' ends. A protein complex (3) is bound to the DNA at the junction of the vertical and horizontal segments. The protein complex is shown as a series of circles (4) connected by a line (5). The protein complex is labeled with 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10. The substrate (11) is shown as a horizontal line with three circles (12) attached to it. The substrate is labeled with 11 and 12.

FIG. 1

REPLACEMENT SHEET

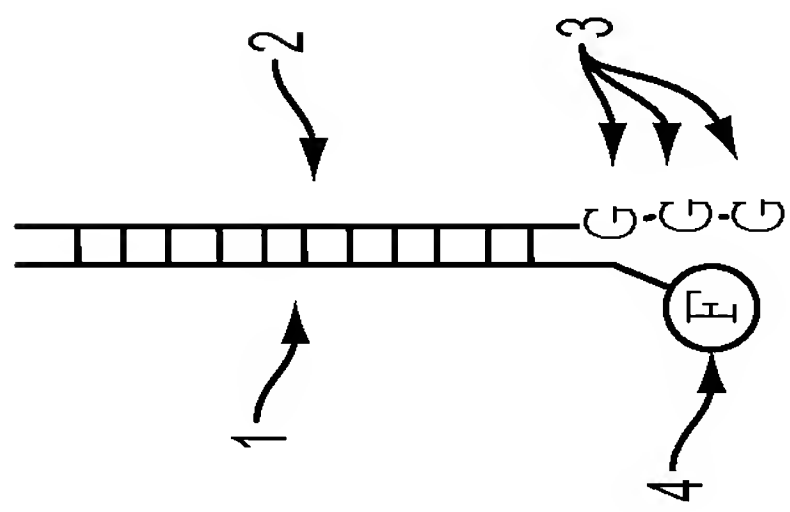


FIG. 2A

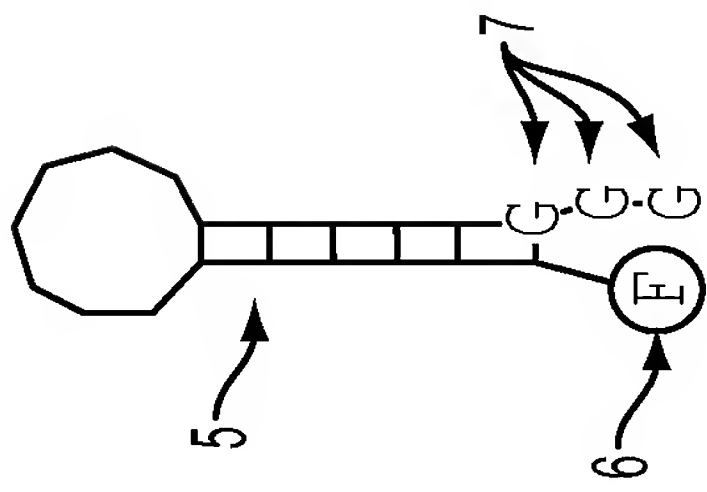


FIG. 2B

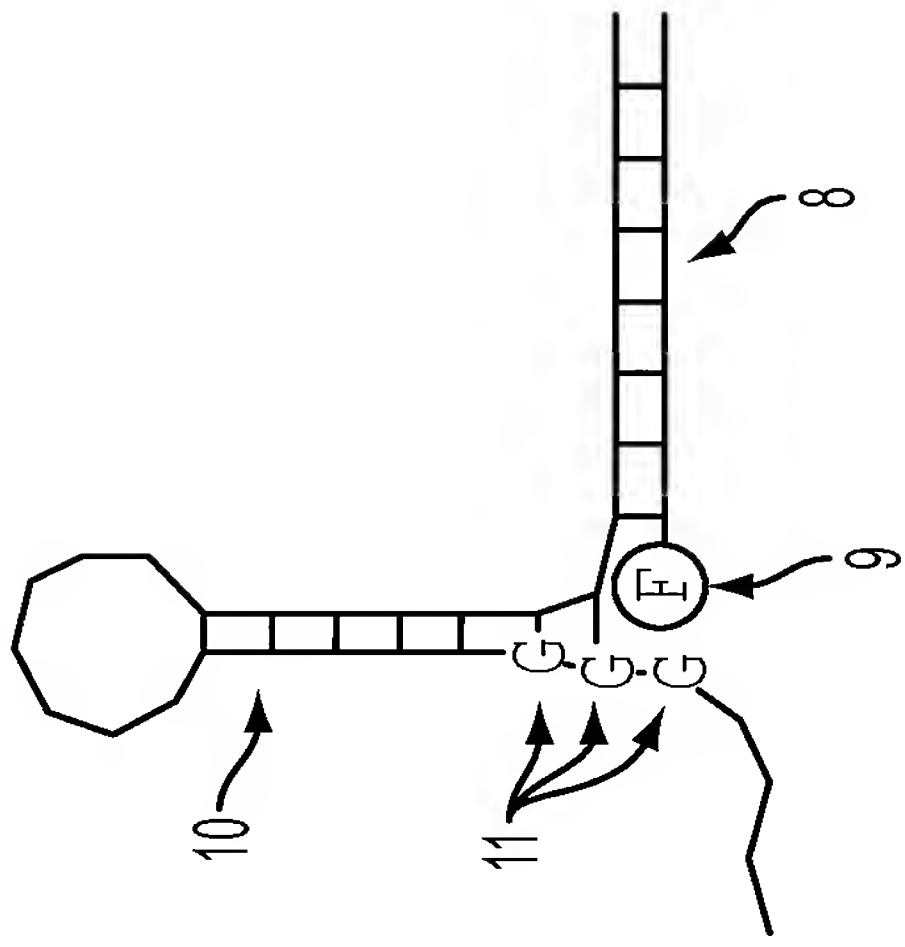


FIG. 2C



FIG. 3A

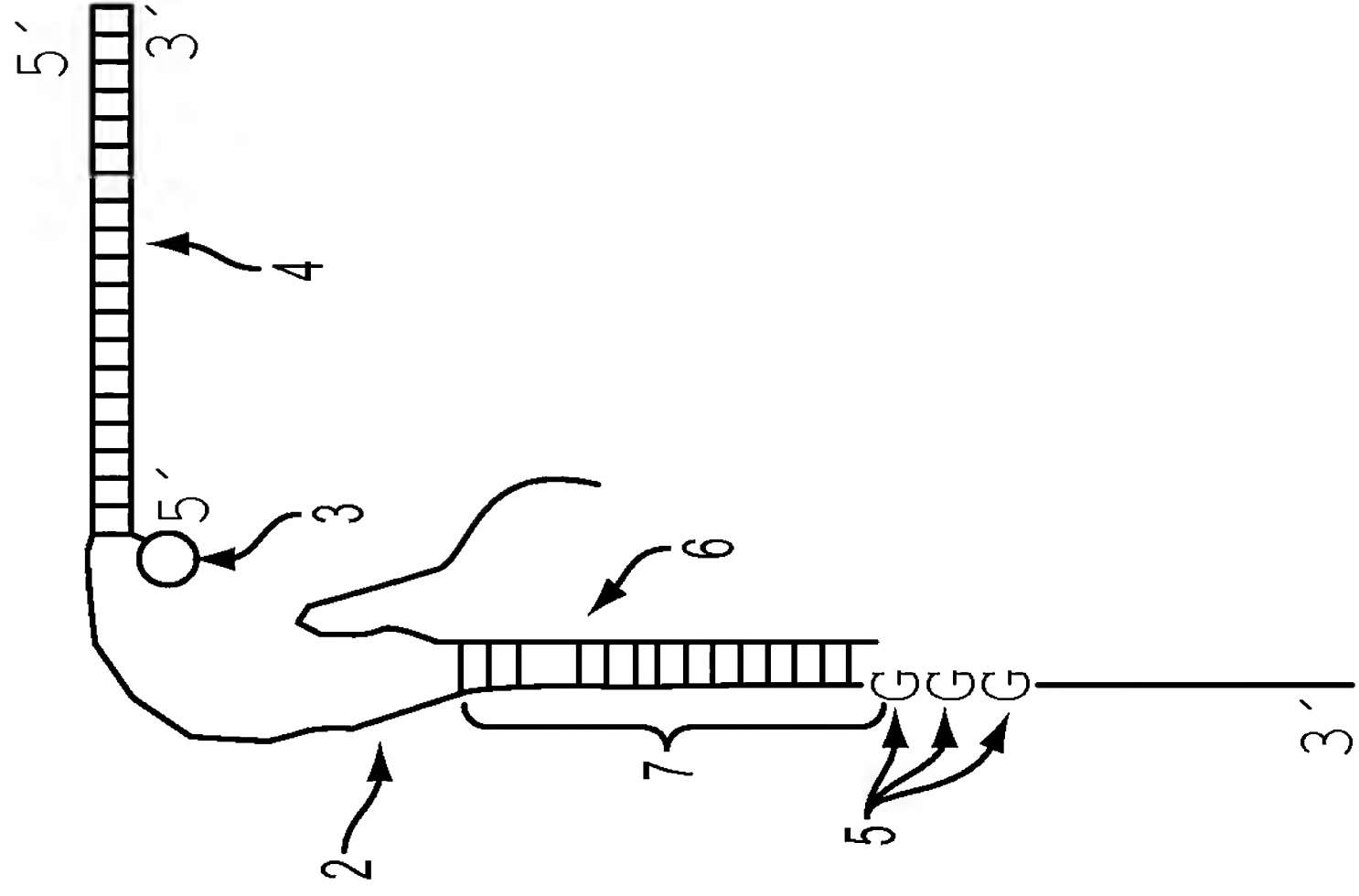


FIG. 3B

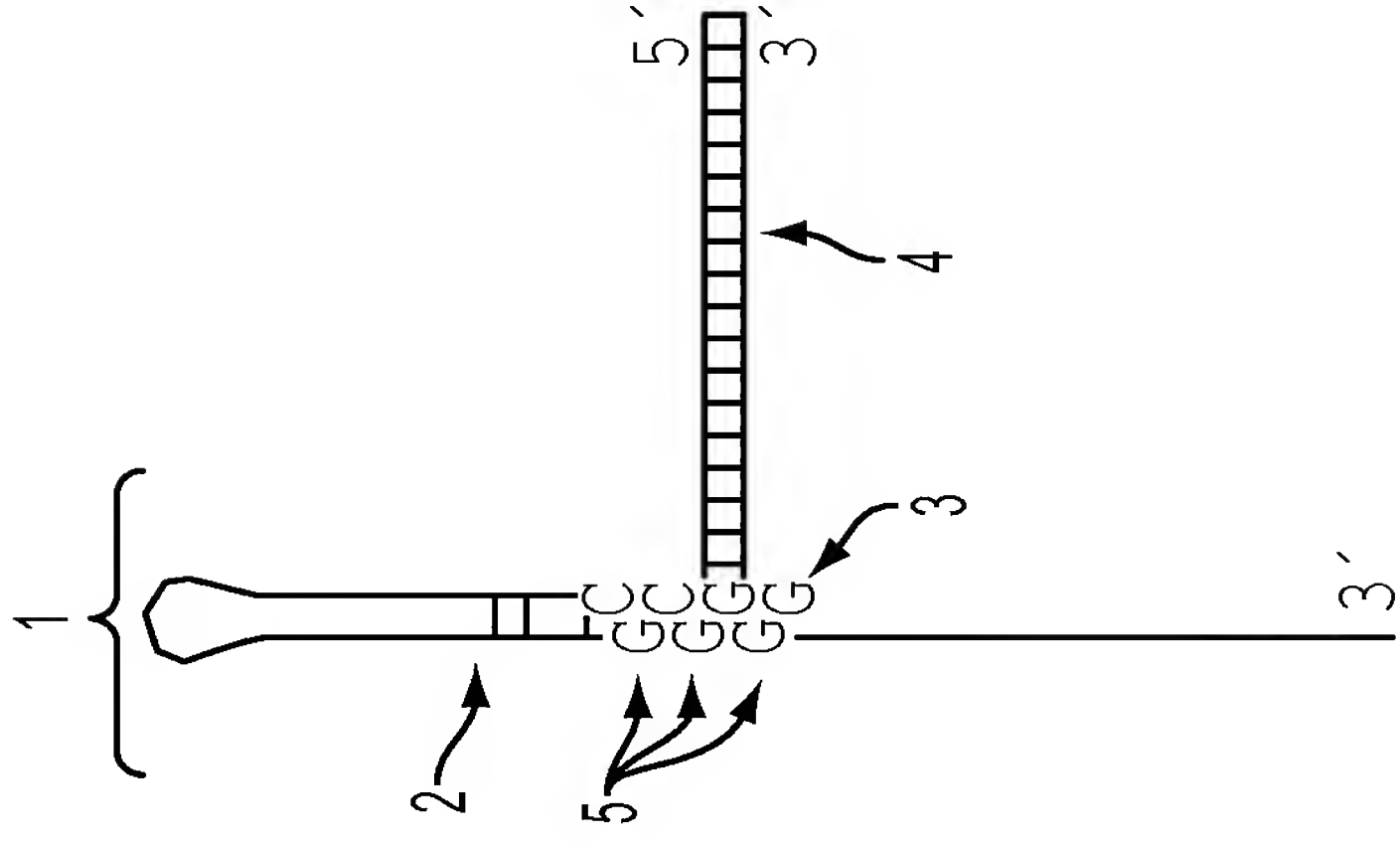


FIG. 3C

REPLACEMENT SHEET

REPLACEMENT SHEET

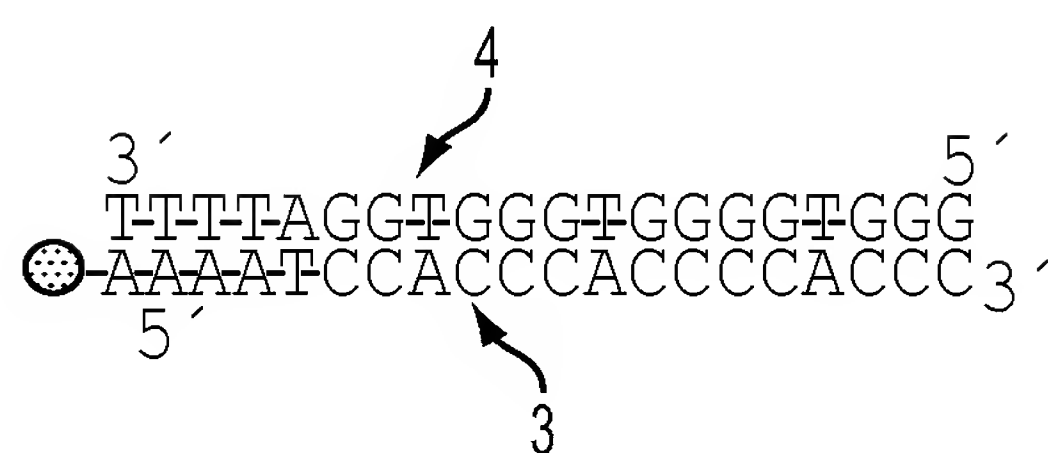


FIG. 4A

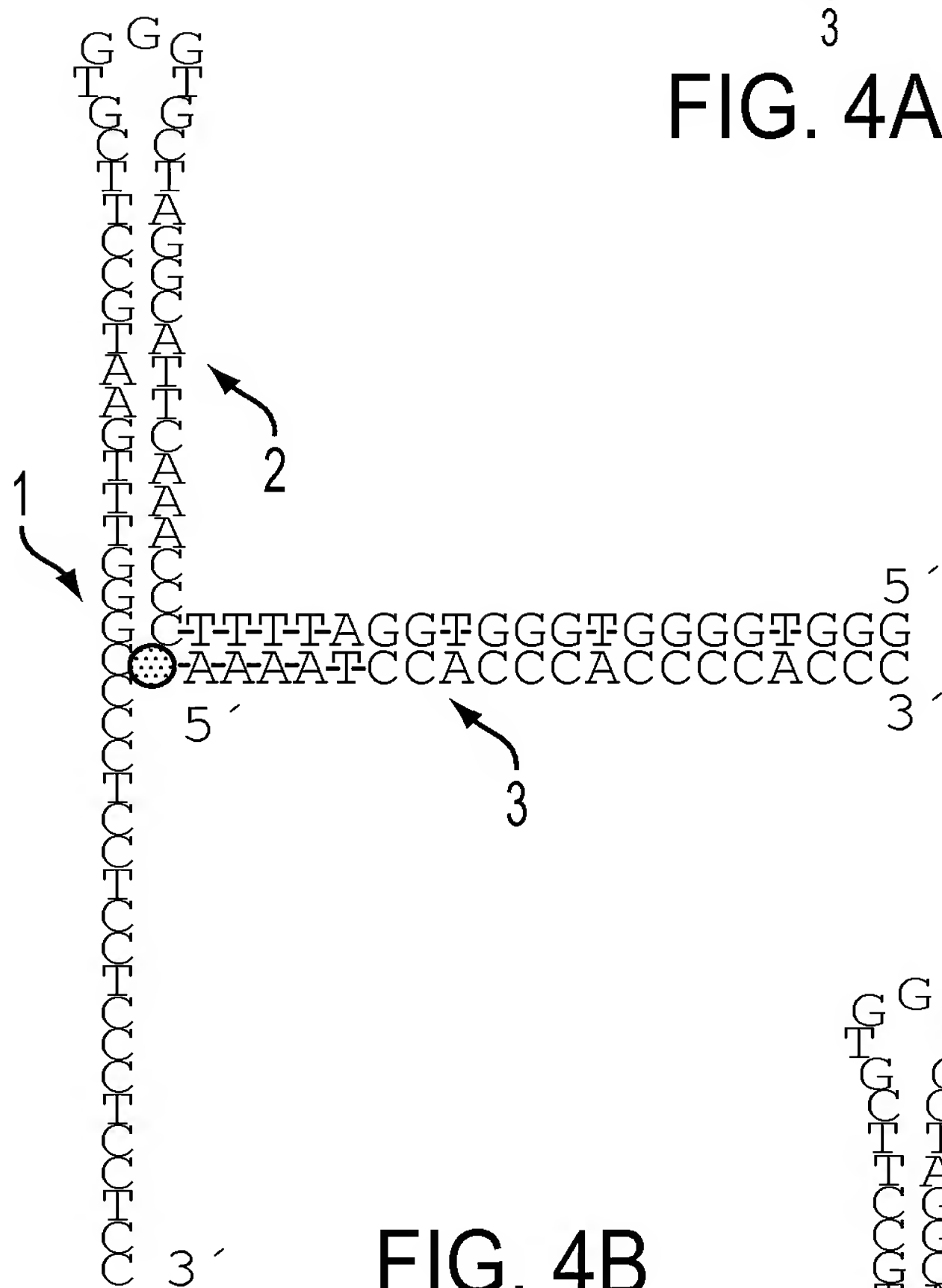


FIG. 4B

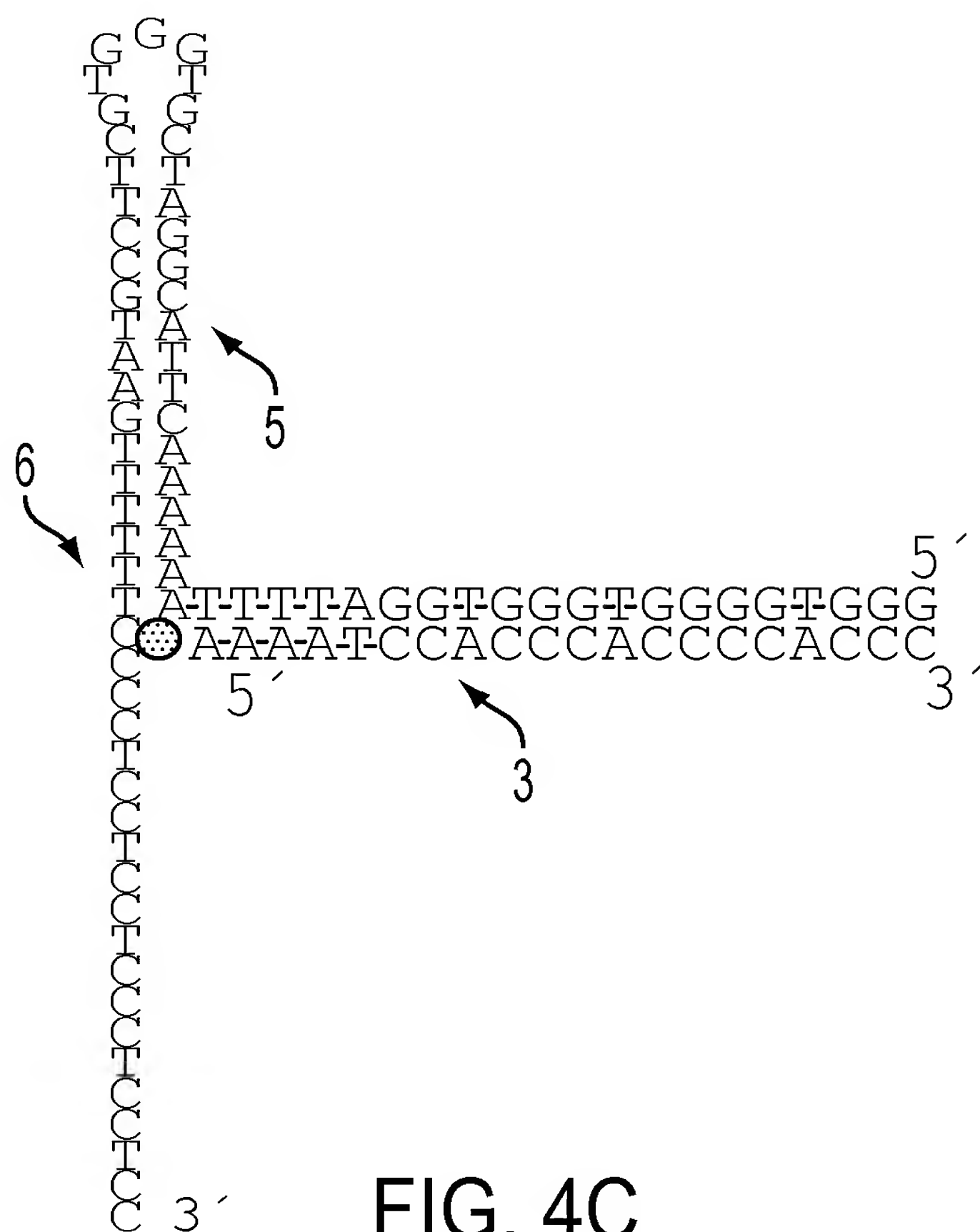


FIG. 4C

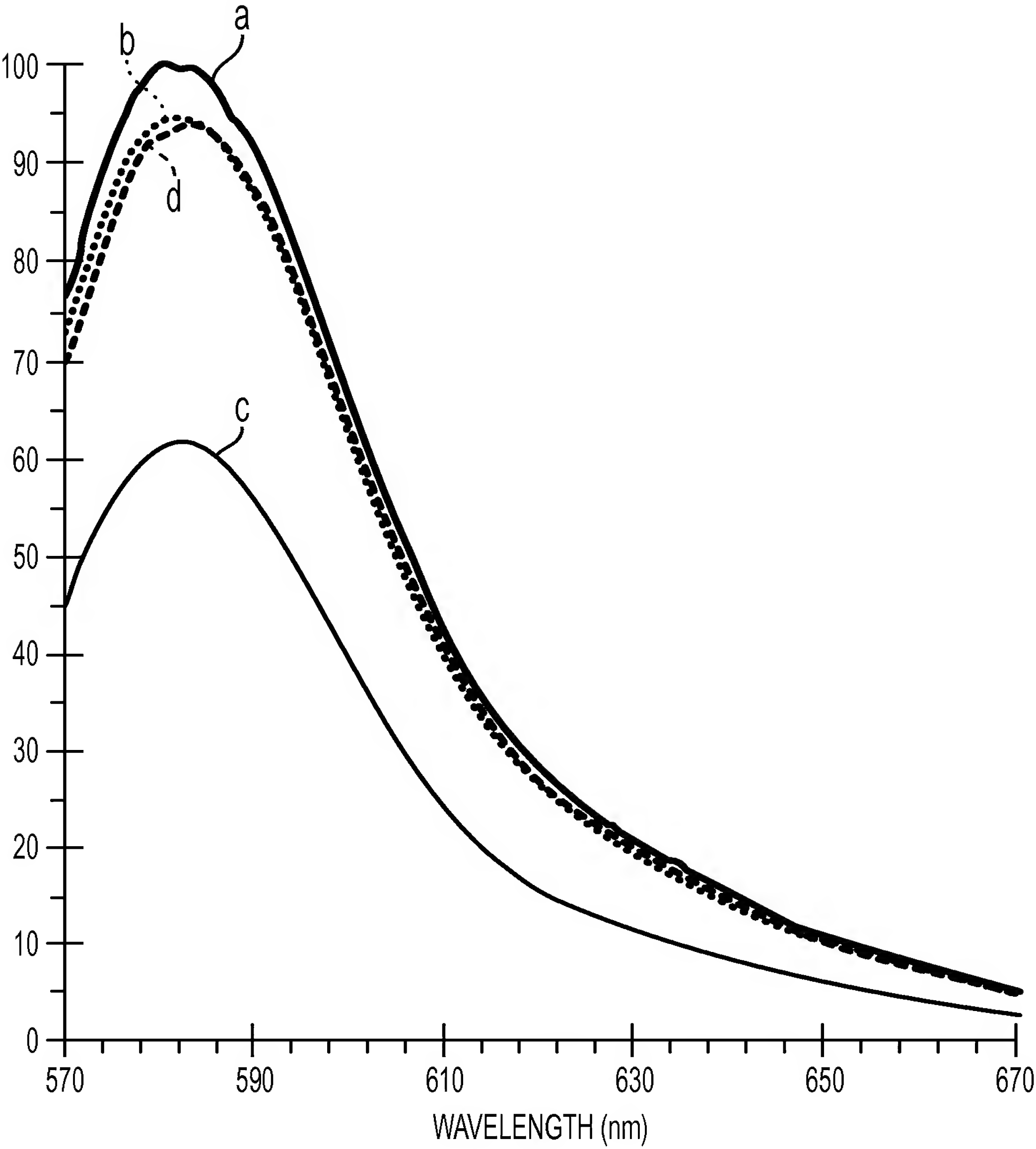


FIG. 5

REPLACEMENT SHEET

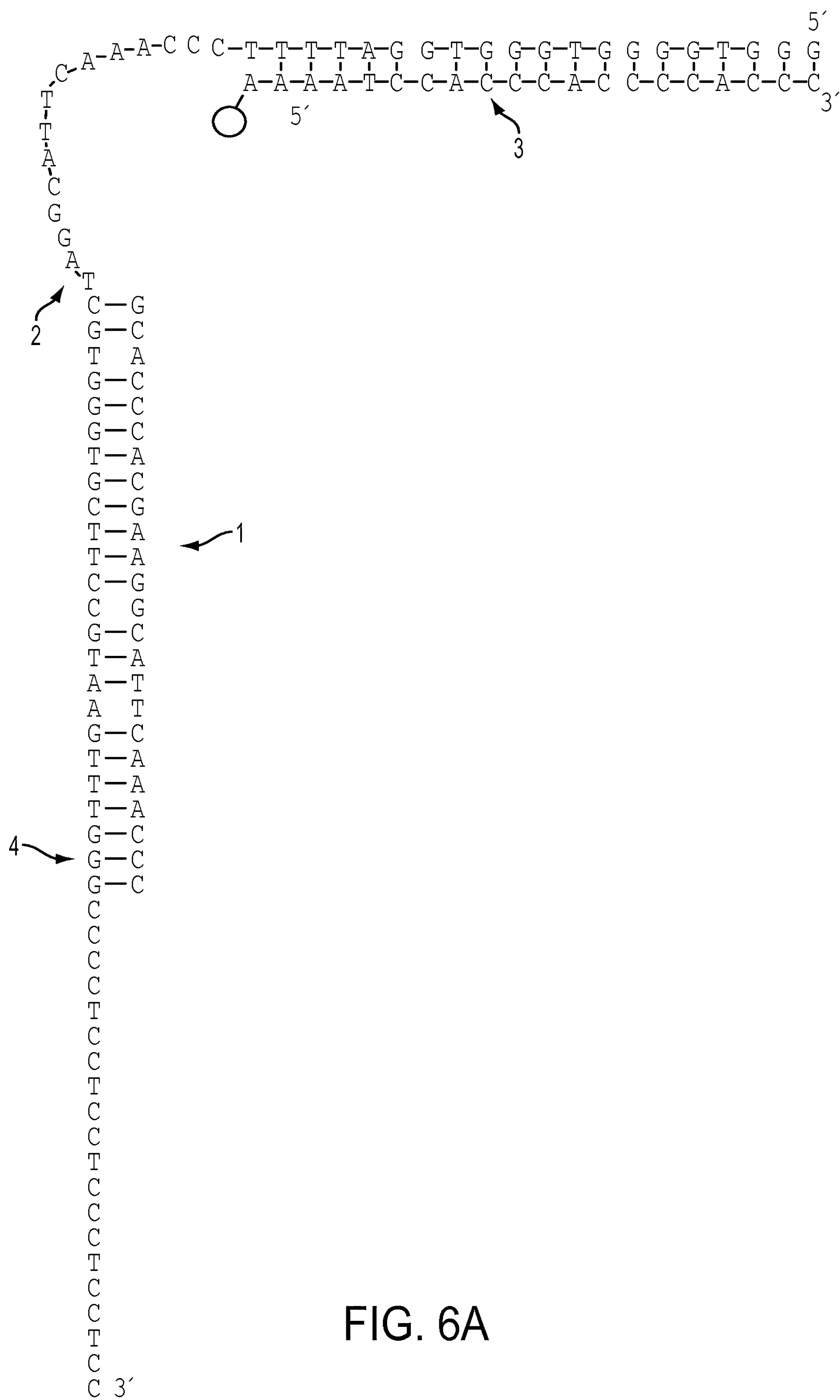


FIG. 6A

REPLACEMENT SHEET

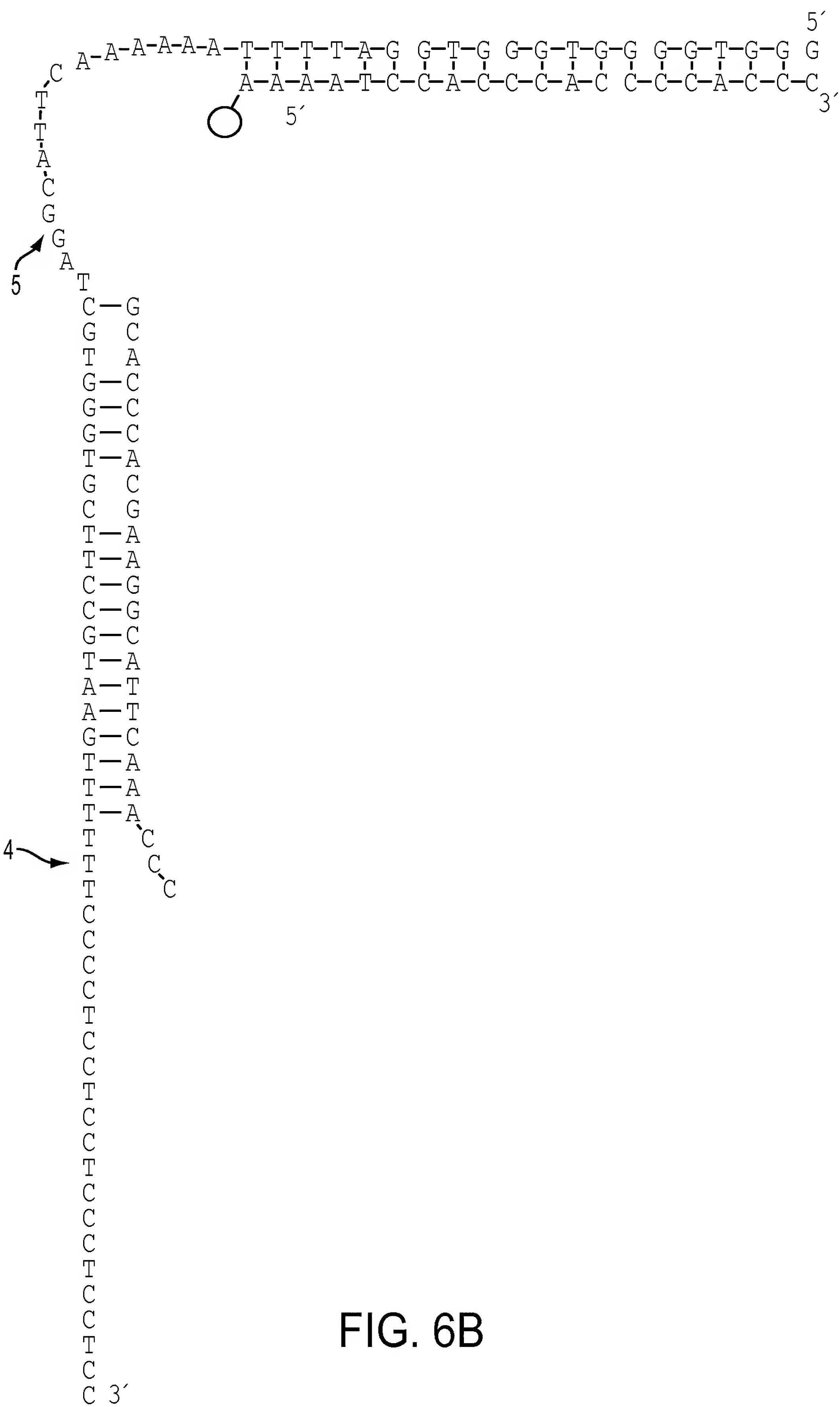


FIG. 6B

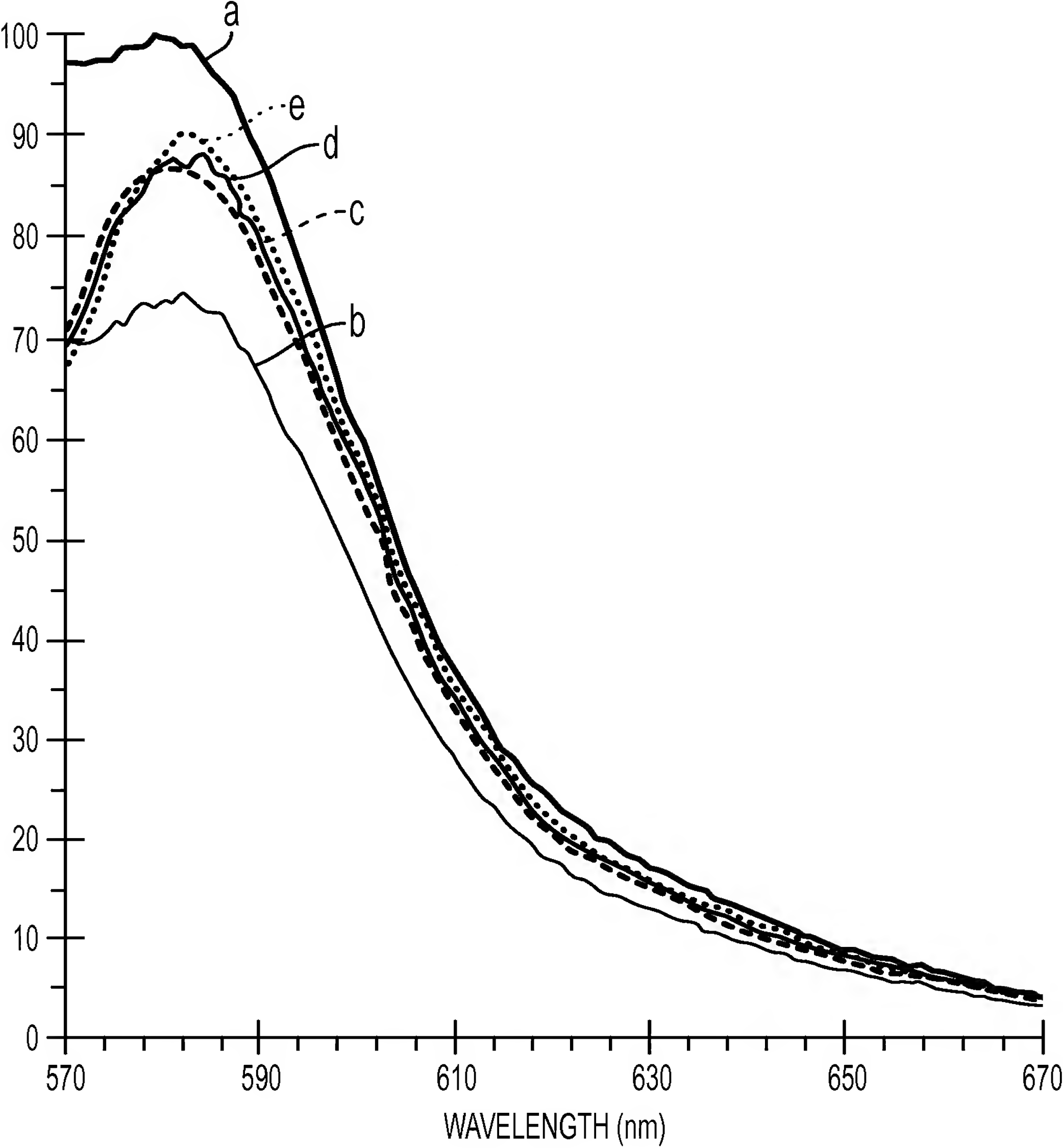


FIG. 7

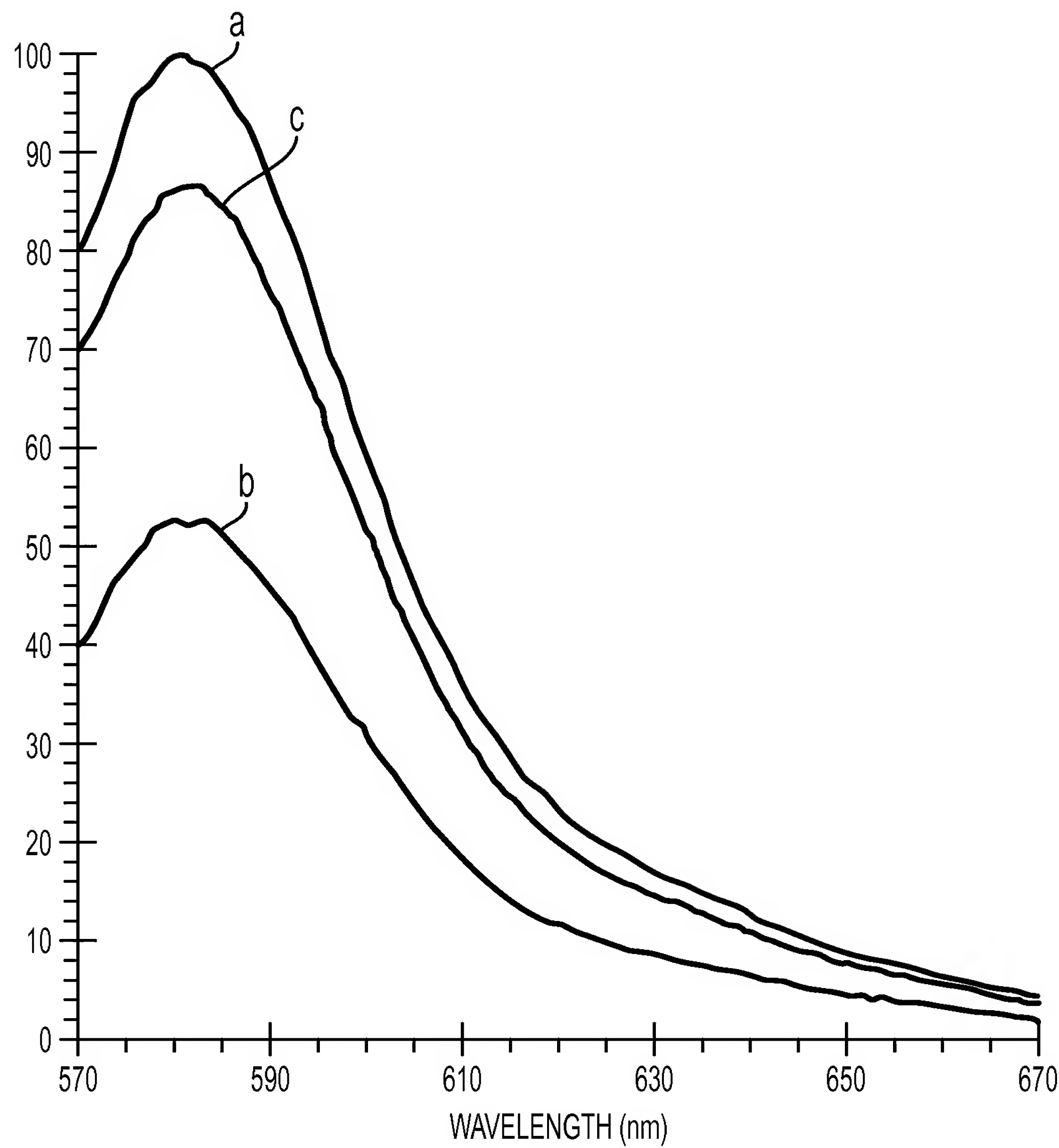


FIG. 8

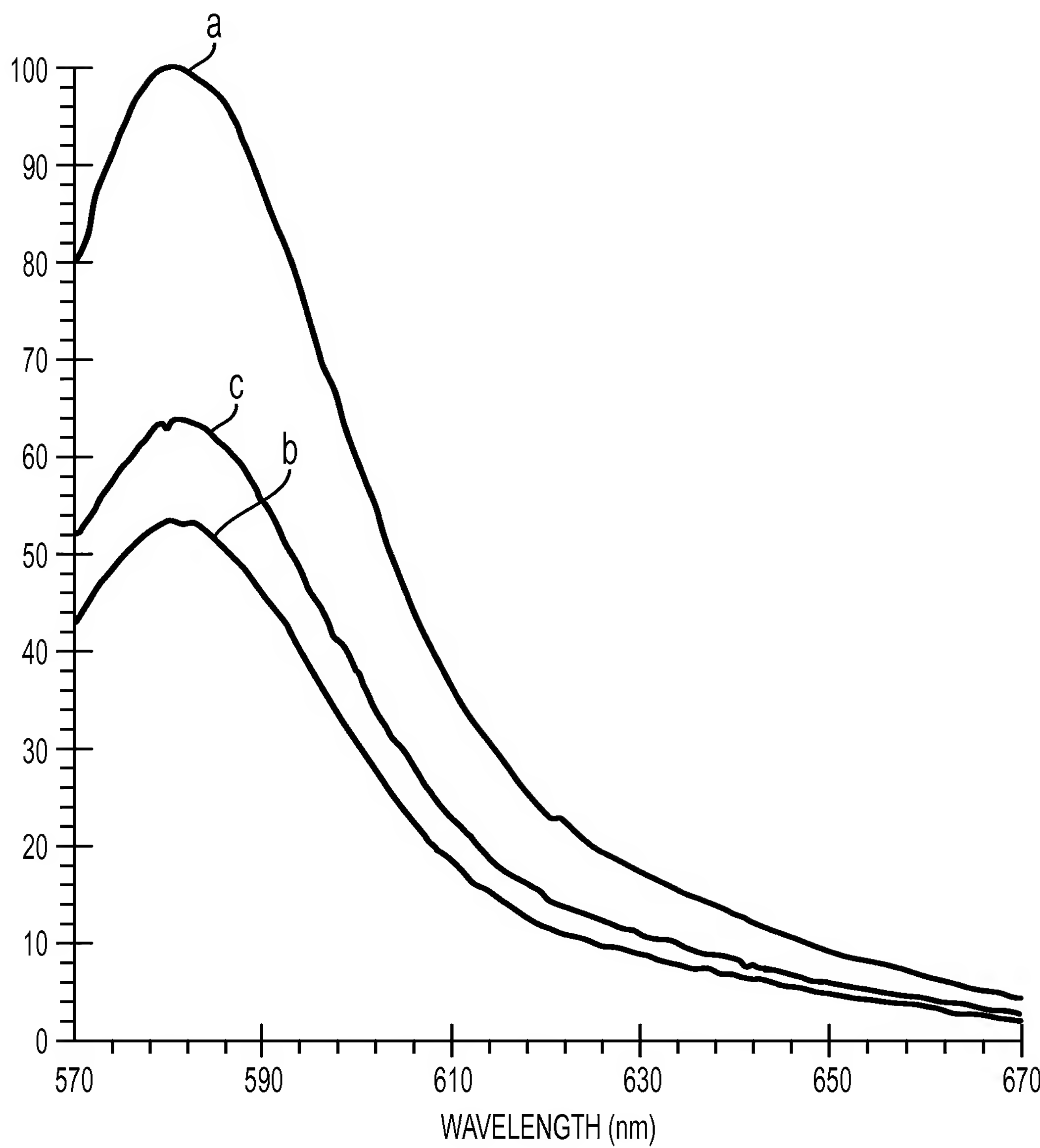


FIG. 9

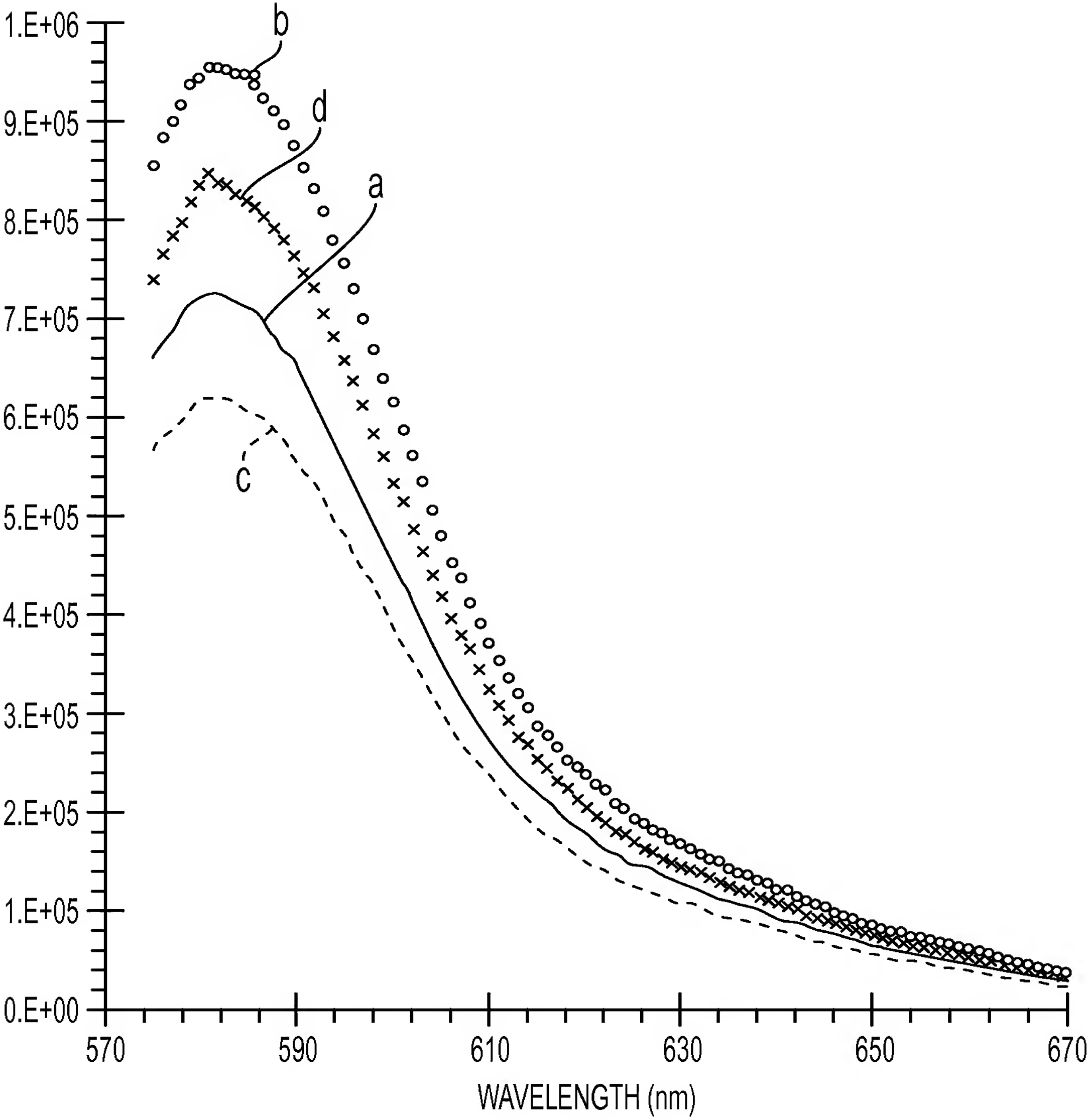


FIG. 10

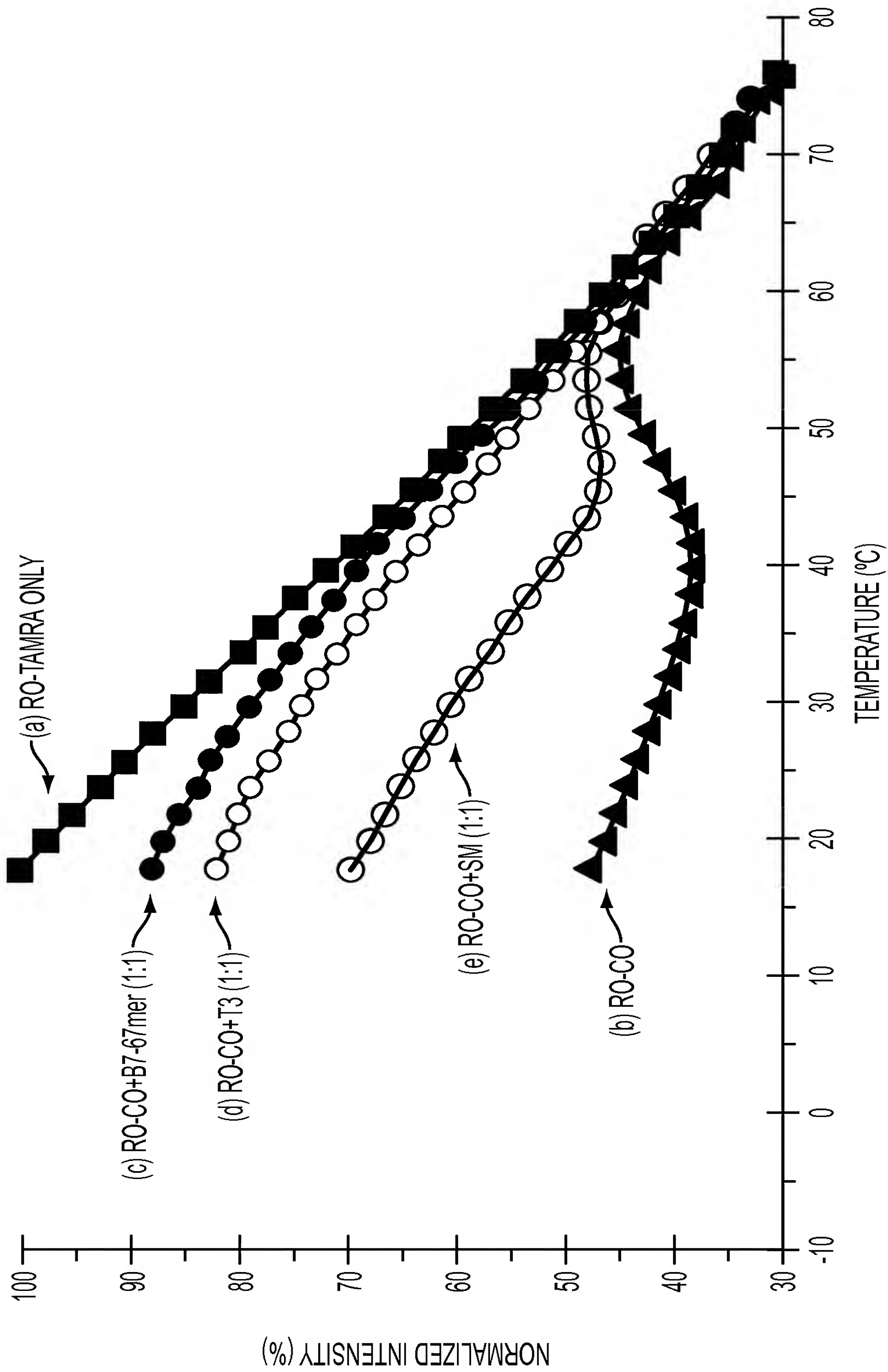


FIG. 11